

Abstract

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Combustion chamber for combusting a combustible fluid mixture

5 The present invention relates to a combustion chamber (1) for combusting a combustible fluid mixture having a burner (2) disposed on the combustion chamber (1). The invention further relates to a method for cooling a combustion chamber (1) according to the invention.

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The object of the invention is to provide a fixing device for liner elements (5) of a combustion chamber (1) by means of which a simplified assembly from the inside of the liner (4) can be achieved.

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To achieve this object there is proposed according to the present invention a combustion chamber of the generic type (1) having a burner (2) disposed on the combustion chamber (1), a liner (4) disposed in the combustion chamber (1), and an outlet opening (3),
20 wherein the liner (4) comprises liner elements (5) which are elastically fixable to a combustion chamber casing (7) by means of rail elements (6), the rail elements (6) being disposed on the combustion chamber side and projecting outward between two adjacently disposed liner elements (5).

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(Fig. 3)